Muhammad Sumair

List of Publications by Year
in descending order

9 papers	131 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	77 citing authors

#	Article	IF	Citations
1	A novel method developed to estimate Weibull parameters. Energy Reports, 2020, 6, 1715-1733.	5.1	27
2	Wind potential estimation and proposed energy production in Southern Punjab using Weibull probability density function and surface measured data. Energy Exploration and Exploitation, 2021, 39, 2150-2168.	2.3	16
3	Comparison of three probability distributions and techno-economic analysis of wind energy production along the coastal belt of Pakistan. Energy Exploration and Exploitation, 2021, 39, 2191-2213.	2.3	13
4	Method of Four Moments Mixture-A new approach for parametric estimation of Weibull Probability Distribution for wind potential estimation applications. Renewable Energy, 2022, 191, 291-304.	8.9	13
5	Weibull parameters estimation using combined energy pattern and power density method for wind resource assessment. Energy Exploration and Exploitation, 2021, 39, 1817-1834.	2.3	12
6	Application of five continuous distributions and evaluation of wind potential at five stations using normal distribution. Energy Exploration and Exploitation, 2020, , 014459872093937.	2.3	10
7	Extrapolation of wind data using generalized versus site-specific wind power law for wind power production prospective at Shahbandar- a coastal site in Pakistan. Energy Exploration and Exploitation, 2021, 39, 2240-2256.	2.3	9
8	Investigation of wind shear coefficients and their effect on annual energy yields along the coastal sites of Pakistan. Energy Exploration and Exploitation, 2021, 39, 2169-2190.	2.3	9
9	Efficiency comparison of historical and newly developed Weibull parameters estimation methods. Energy Exploration and Exploitation, 2021, 39, 2257-2278.	2.3	4